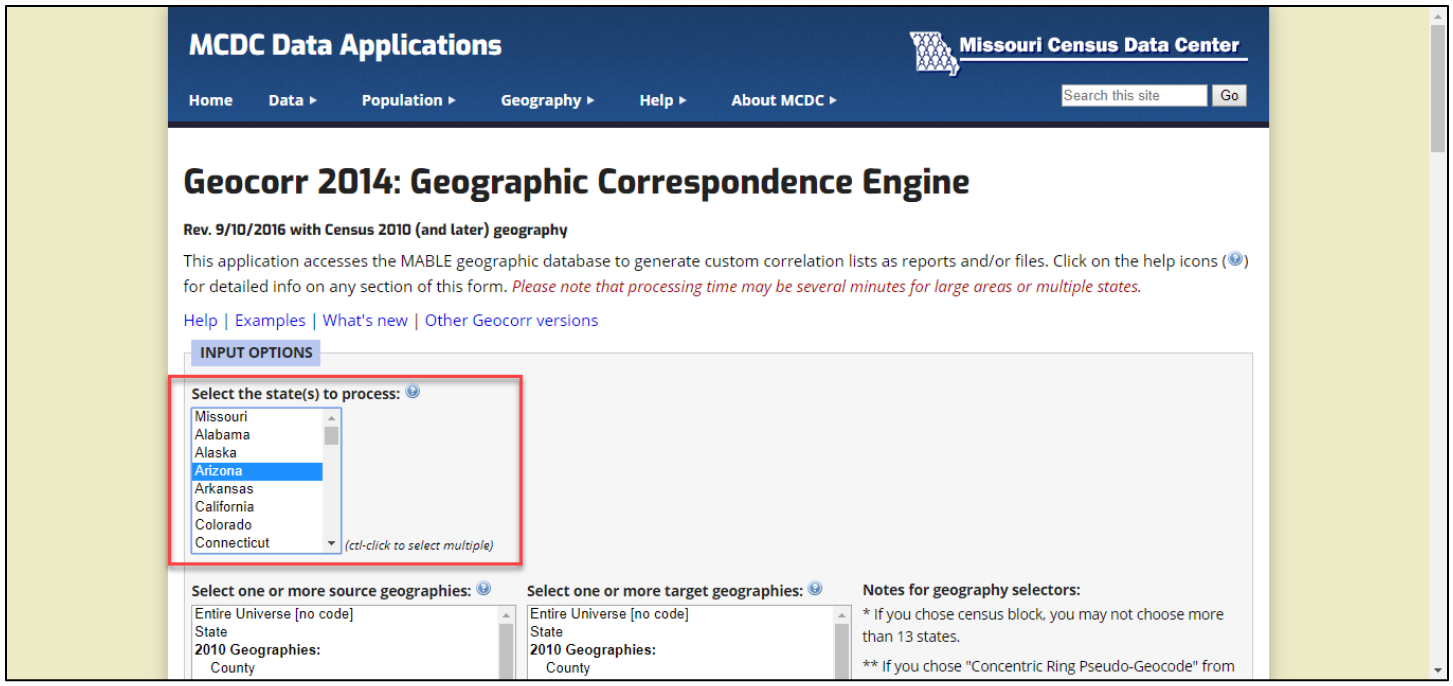
How can I determine whether a geography, such as a county, is completely within an Urban Area, completely Rural, or a mix?

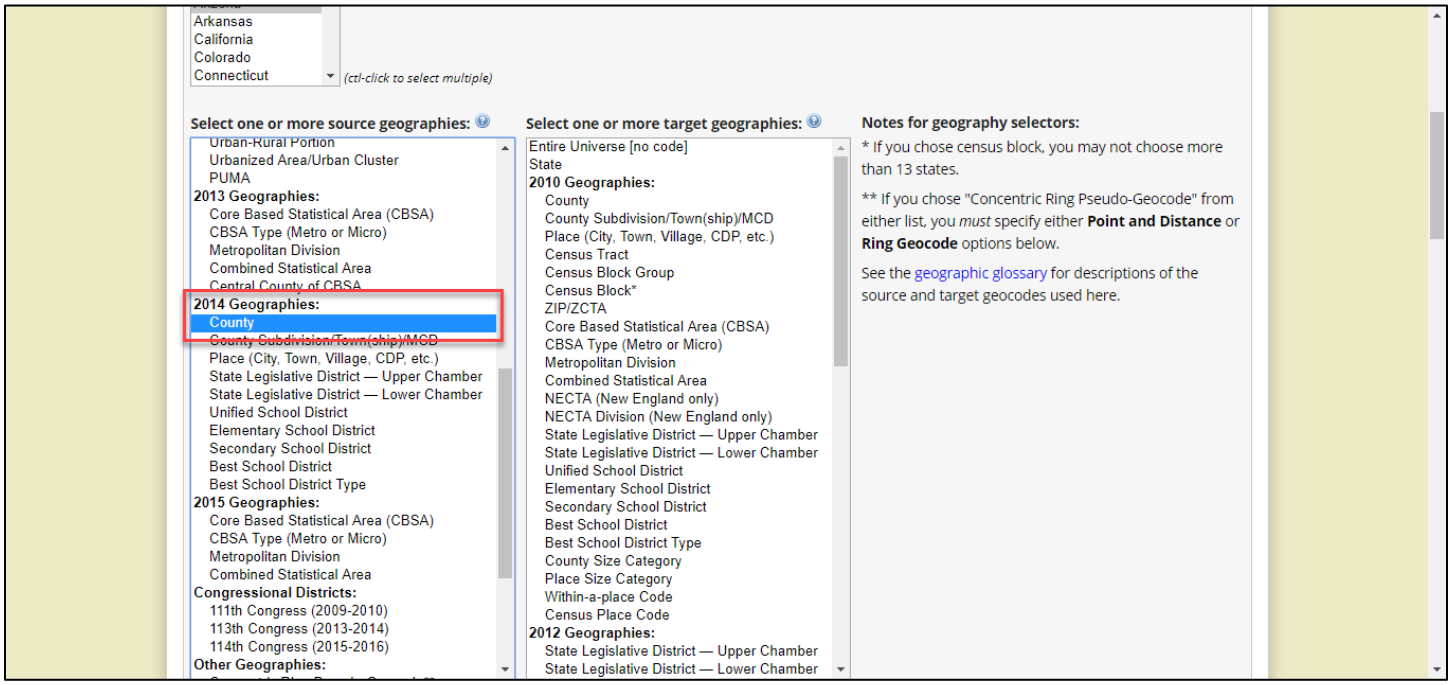
Data.census.gov does not have a way to determine whether a geography is completely within an Urban Area, completely Rural, or a mix. Instead, you can use the Missouri State Data Center's MABLE Geocorr tool to compare any two census geographies. Below is an example of using the MABLE Geocorr to determine if the counties in Arizona are completely within an Urban Area, completely Rural, or a mix, including percentage.

The MABLE Geocorr can be accessed at http://mcdc.missouri.edu/applications/geocorr2014.html.

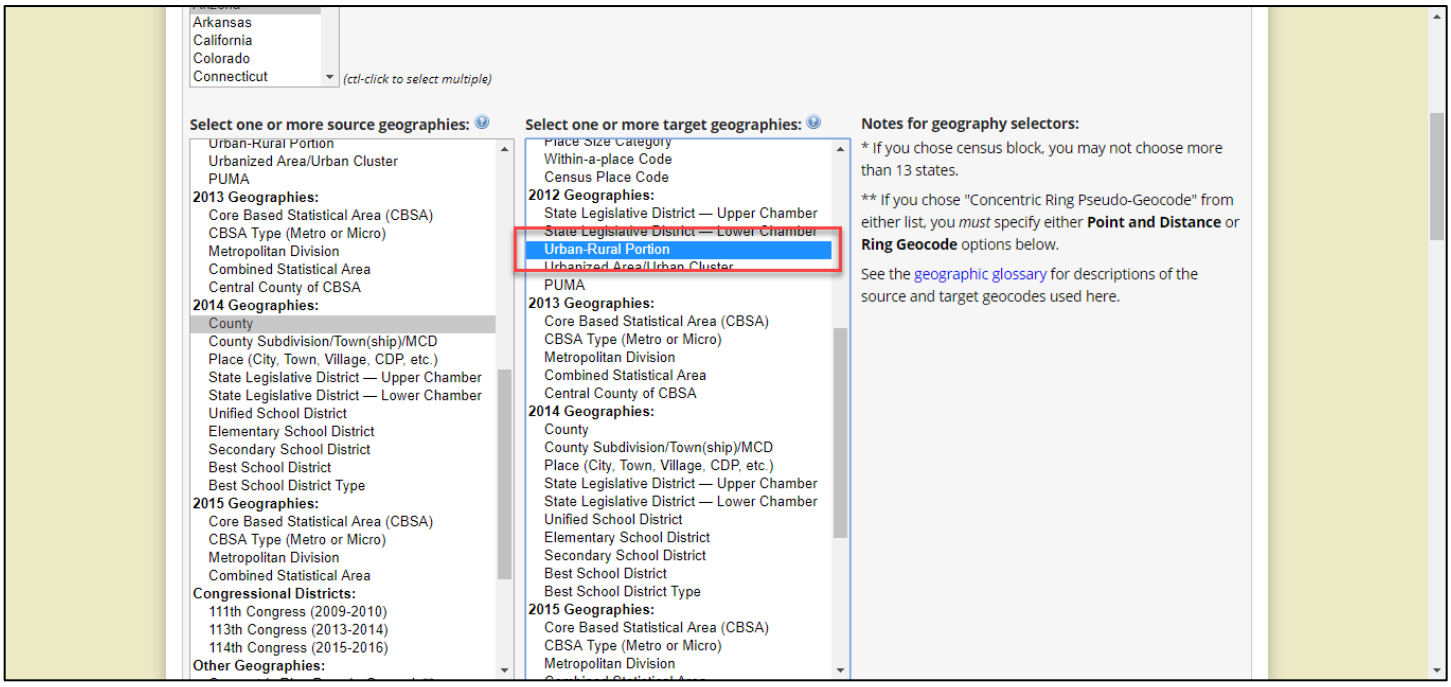
Step 1: Select the state. For this example, we are selecting Arizona.



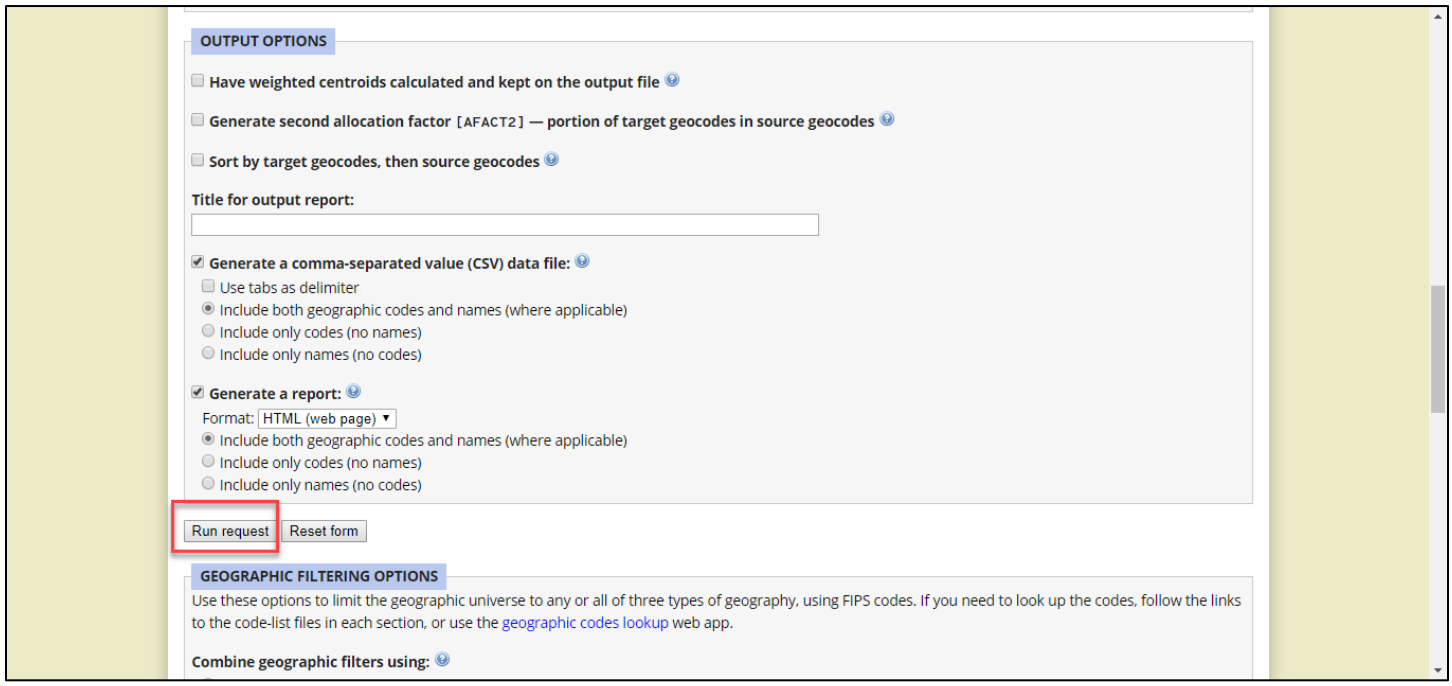
Step 2: Select one or more source geographies. For this example, under 2014 Geographies, select County.



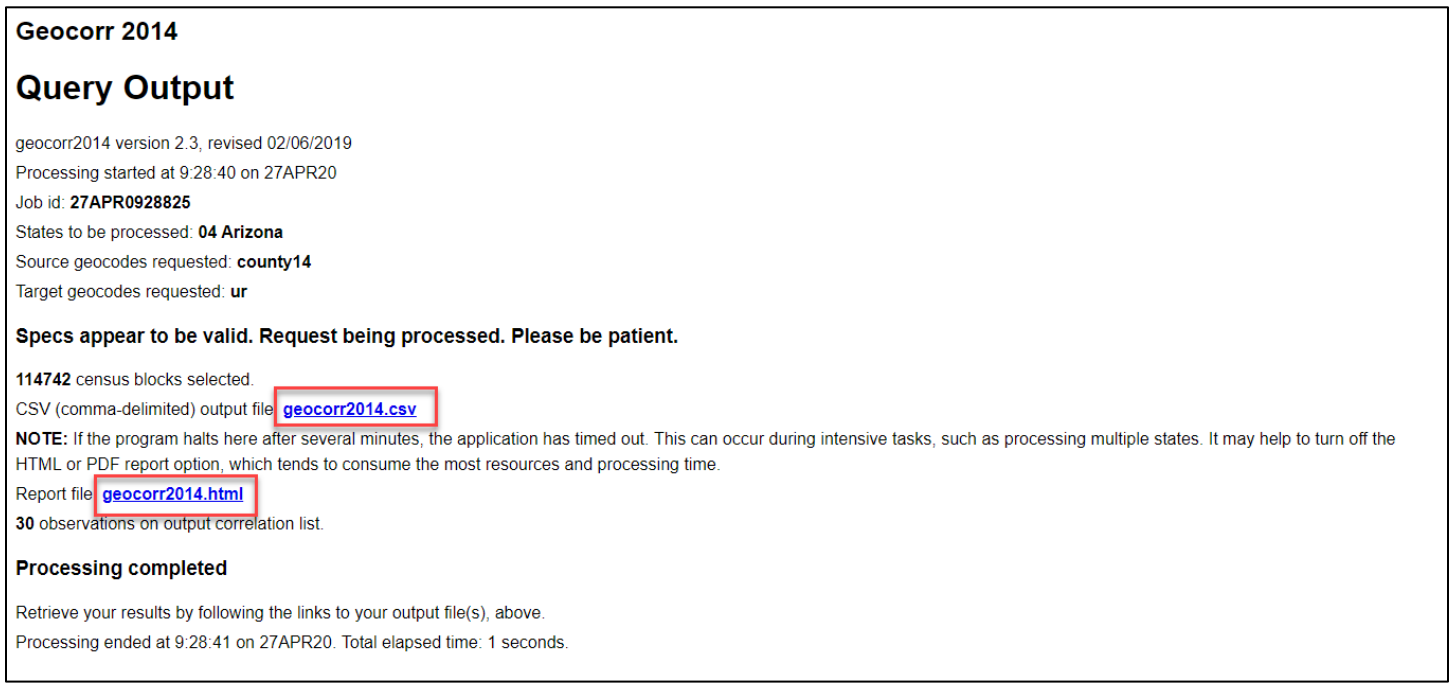
Step 3: Select one or more target geographies. For this example, select Urban-Rural Portion found under the 2012 Geographies section.



Step 4: Scroll down and select the first instance of Run request, located directly beneath the OUTPUT OPTIONS section.

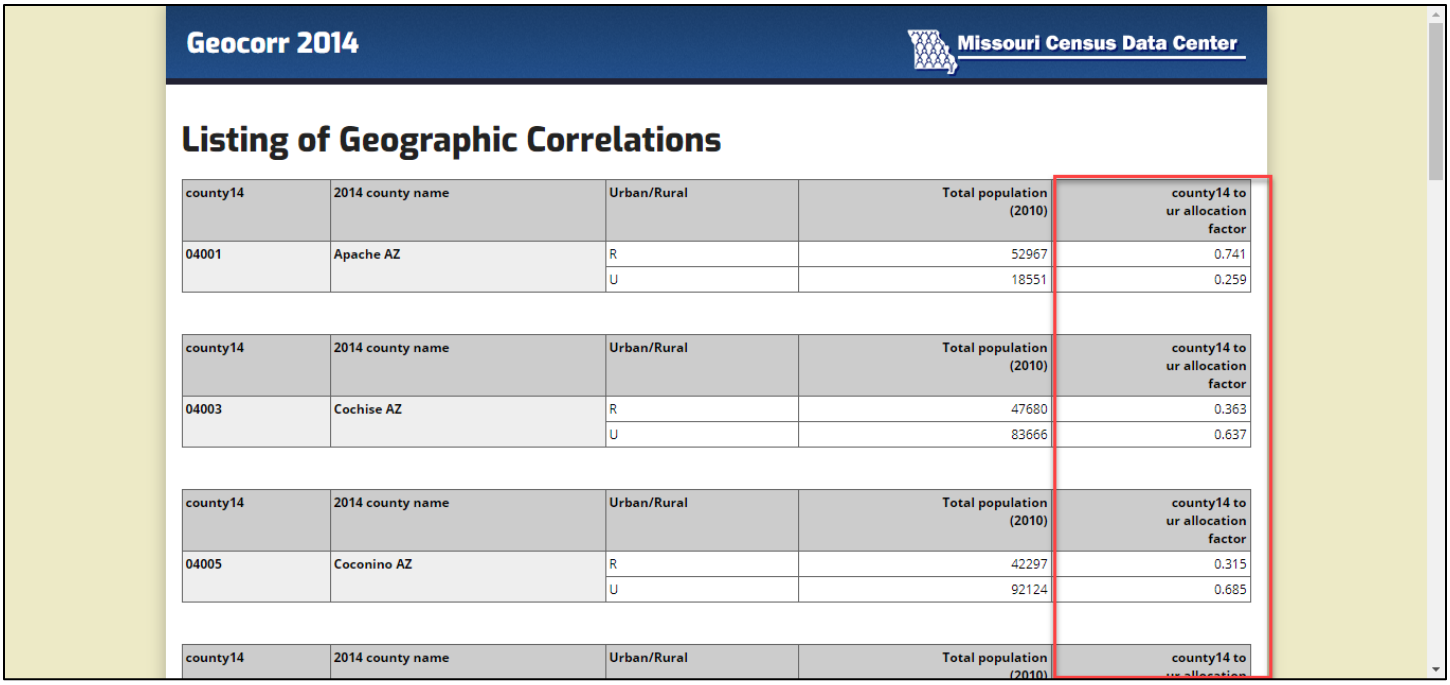


Step 5: On the output page, first click on the HTML file to view the table. You can download the CSV file, as well.



Step 6: Under the county to UR allocation factor, you can see how much of each county is urban and how much is rural.

In this example, we can see that 74.1 percent of Apache County, Arizona is Rural, while 25.9 percent is Urban.



Geocorr 2014 — Missouri Census Data Center

Listing of Geographic Correlations

county14	2014 county name	Urban/Rural	Total population (2010)	county14 to ur allocation factor
04001	Apache AZ	R	52967	0.741
		U	18551	0.259

county14	2014 county name	Urban/Rural	Total population (2010)	county14 to ur allocation factor
04003	Cochise AZ	R	47680	0.363
		U	83666	0.637

county14	2014 county name	Urban/Rural	Total population (2010)	county14 to ur allocation factor
04005	Coconino AZ	R	42297	0.315
		U	92124	0.685

county14	2014 county name	Urban/Rural	Total population (2010)	county14 to ur allocation

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